

at least one working electrode disposed on the narrow distal region of the substrate; and

AB at least one contact pad disposed on the wider proximal region of the substrate and in electrical communication with a one of the at least one working electrodes.

Remarks

This is in response to the Office Action dated June 23, 1998. Claims 3, 59–64, 79, 80, 85–91, and 123–126 have been cancelled without prejudice, claims 1, 2, 10–15, 20–22, 33, 34, 36–38, 48, 54–58, 70, 74, 81, 97, and 122 have been amended, and claim 127 has been added. Accordingly, claims 1, 2, 4–58, 65–78, 81–84, 92–122, and 127 are presently pending in this application.

Response to Restriction Requirement

A first election is required with respect to claims 1–126. Claims 1–126 are divided into the following groups:

- a) species A(I) – directed to an *in vivo* sensor or *in vivo* method of sensing (reflected in original claims 10, 75, 76, 103, and 118–121);
- b) species B(I) – directed to an *in vitro* sensor (reflected in original claims 11, 77, and 78);

Without acquiescing to the statements made therein, the Applicants elect to pursue the claims of species A(I) directed to an *in vivo* sensor or *in vivo* method of sensing. The claims readable on this species include claims 1, 2, 4–10, 12–58, 65–76, 81–84, 92–122, and 127.

A second election is required with respect to claims 1–126. Claims 1–126 are divided into the following groups:

- a) species A(II) – directed to an electrochemical enzyme sensor requiring a recessed channel (reflected in claims 1–34 and 36–102 minus the *in vivo* or *in vitro* claims, as elected in (I) above);
- c) species B(II) – directed to an electrochemical enzyme sensor and method that does not require a recessed channel (reflected in claims 35, 104–117 and 122–125);

Without acquiescing to the statements made therein, the Applicants elect to pursue the claims in species B(II) drawn to an electrochemical enzyme sensor and method

that does not require a recessed channel. The claims readable on this species include claims 2, 4-16, 20-38, 48-57, 70-78, 81-84, 92-96, 98-122, and 127

Examination on the merits is respectfully requested. The Examiner is encouraged to contact Applicants' undersigned attorney to discuss this matter if any questions should arise upon further examination of the pending claims.

Respectfully submitted,

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